

**EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to the applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Ms. Libby Husky on 11/4/2010.
3. Please replace claims 1, 2, 3, 12, 13, and 20 with the following respectively:
  1. A method of processing platform-specific events by a virtual machine that operates on a first platform, wherein said virtual machine concurrently supports a first task and a second task, said method comprising:

simultaneously receiving, by the virtual machine, a plurality of platform-specific events which are associated with the first platform, wherein each said platform-specific event is an external event initiated externally to said virtual machine;

concurrently ~~determining~~ selecting, for each said platform-specific event, a selected task that defines which of said first and second tasks should process said platform-specific events;

simultaneously manipulating each said platform-specific event received by modifying a data structure of each said platform-specific event to comply with a data structure format supported by said selected task, thereby representing each said platform-specific event in a form that is accessible by said selected task; and

assigning a platform-specific event-repository to said selected task, wherein said platform-specific repository provides event storage prior to processing by said selected task;

providing a platform-specific event-handler for said selected task;

using a platform-specific event-dispatcher, placing said platform-specific event in said platform-specific event-repository and invoking said platform-specific event-handler to initiate processing of said platform-specific event said selected task; and

processing each said platform-specific events by said selected task.

2. Please cancel.

3. The method as recited in claim 2 1, wherein said event-repository is implemented as a first-in first-out queue, wherein said event-handler is implemented as an event-handler thread, and wherein said selection is performed by an event-manager thread of said virtual machine.

12. A system implementing a virtual machine for processing platform-specific events associated with a first platform, wherein said system concurrently supports first and second tasks, said system comprising:

one or more processors;

first and second tasks concurrently operating on said virtual machine; and

a platform-specific event dispatcher that operates to:

simultaneously receive a plurality of platform-specific events associated with said first platform, wherein each said platform-specific event is an external event initiated externally to said virtual machine;

concurrently select, for each said platform-specific event, a selected task that defines which of said first and second tasks should receive said platform specific events, wherein said virtual machine simultaneously modifies a data structure of said platform-specific event to be compliant with a data structure format supported by said selected task, thereby representing platform-specific events in a form that is accessible by said selected task;

a platform-specific event-repository for said selected task, wherein said platform-specific repository provides event storage prior to processing by said selected task; and

a platform-specific event-handler for said selected task, wherein said platform-specific event-dispatcher operates to place said platform-specific event in said platform-specific event-repository and invoke said platform-specific event-handler to initiate processing of said platform-specific event.

13. The system as recited in claim 12, wherein said platform-specific event-handler is invoked when said selected task is selected, and wherein said platform-specific event-handler processes said platform-specific event when said platform-specific event-handler is invoked.

20. A computer readable storage medium including a computer program for processing platform-specific events by a virtual machine that operates on a first platform, wherein said virtual machine concurrently supports first and second tasks, said computer readable medium comprising:

computer program code for simultaneously receiving a plurality of platform-specific events which are associated with the first platform, wherein each said platform-specific event is an external event initiated externally to said virtual machine;

computer program code which concurrently selects, for each said platform-specific event, a selected task that defines which of said first and second tasks should receive said platform-specific events;

computer program code that manipulates each said platform-specific event received by modifying its data structure to be compliant with a data structure format supported by said selected task, thereby representing each said platform-specific events in a form that is accessible by said selected task; and

computer program code that assigns platform-specific event-handler and a platform-specific event-repository to said selected task, wherein said platform-specific repository provides event storage prior to processing by said selected task;

computer program code that places said platform-specific events in said platform-specific event-repository and invokes said platform-specific event-handler to initiate processing of said platform-specific event; and

computer program code for processing each of said platform-specific events by the respective selected task.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MENGYAO ZHE whose telephone number is (571)272-6946. The examiner can normally be reached on Monday Through Friday, 7:30 - 5:00 EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Meng-Ai An can be reached on 571-272-3756. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Li B. Zhen/  
Primary Examiner, Art Unit 2194